

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for transmitting and receiving a multimedia message in a mobile communication system, the method comprising the steps of:

producing summarized multimedia information, which includes information on a kind of each of data types and a number of each kind of the data types in the mobile communication system, and transmitting the summarized multimedia information in a signal receipt notification message, wherein the data types are included in the multimedia message;

upon receiving the signal receipt notification message in a terminal, providing the signal receipt notification message to a user, and transmitting a response message according to a selection by the user;

upon receipt of the response message by the mobile communication system, producing and transmitting multimedia information;

upon receiving the multimedia information by a terminal, providing the multimedia information to the user, and requesting multimedia data corresponding to a data type selected by the user; and

transmitting the corresponding multimedia data from the mobile communication system to the terminal in response to the request from the terminal

~~receiving a message receipt notification message;~~

~~transmitting a response to the message receipt notification message;~~

~~receiving summarized information on a plurality of data types included in the multimedia message from the mobile communication system and providing the received summarized data type information in response to the response to the message receipt notification message;~~

~~requesting multimedia data corresponding to at least one of a data type according to a user selection; and~~

~~receiving the multimedia data in response to the request.~~

2. (Previously Presented) A method for transmitting and receiving a multimedia message in a mobile communication system, the method comprising the steps of:

receiving in the mobile communication system a multimedia message including a plurality of data types from a terminal;

storing the received multimedia message while separately storing the data types;

producing summarized multimedia information, which includes information on a kind of each of the data types and a number of each kind of data types;

transmitting the summarized multimedia information in a signal receipt notification message;

upon receiving the signal receipt notification message in a terminal, providing the signal receipt notification message to a user, and transmitting a response message according to a selection by the user;

upon receipt of the response message by the mobile communication system, producing and transmitting multimedia information;

upon receiving the multimedia information by the terminal, providing the multimedia information to the user, and requesting multimedia data corresponding to a data type selected by the user; and

transmitting the corresponding multimedia data from the mobile communication system to the terminal in response to the request from the terminal.

3. (Original) A mobile communication system for transmitting and receiving a multimedia message, the system comprising:

an LME (Long Message Entity) for receiving a multimedia message including a plurality of data types from a first terminal, storing the received multimedia message while separately storing the data types, transmitting basic data type information and, upon receiving

a request for multimedia data from a second terminal, transmitting multimedia data of a data type corresponding to the request; and

an LMSC (Long Message Service Center) for producing and transmitting summarized multimedia information, which includes information of a kind of each of the data types and a number of each kind of data types, to the second terminal, upon receiving a response message from the second terminal, producing and transmitting multimedia information, and transmitting the request for multimedia data from the second terminal to the LME;

wherein the second terminal transmits a corresponding response message upon receipt of the summarized multimedia information, receives the multimedia information, and requests multimedia data corresponding to a data type selected by a user.

4. (Currently Amended) A method for transmitting and receiving a multimedia message in a mobile communication system, comprising:

producing and transmitting a message receipt notification message including summarized multimedia information on a plurality of data types included in the multimedia message;

receiving a response to the message receipt notification message;

producing and transmitting ~~summarized~~ multimedia information ~~on a plurality of data types included in the multimedia message~~ in response to the received response to the message receipt notification message; and

transmitting multimedia data in response to a request for multimedia data.

5. (Currently Amended) A method for transmitting and receiving a multimedia message in a mobile communication device in a mobile communication system, comprising:

receiving a signal receipt notification message corresponding to a multimedia message including summarized multimedia information on a plurality of data types included in the multimedia message;

transmitting a receipt to the signal receipt notification message;
receiving ~~summarized~~ multimedia information ~~of the multimedia message~~ after
transmitting the receipt to the signal receipt notification message; and
requesting a desired type of data type based on the received multimedia ~~summarized~~
information.

6. (Original) A method for transmitting and receiving a multimedia message in a mobile communication system, the method comprising the steps of:

receiving a multimedia message including a plurality of data types from a terminal, storing the received multimedia message while separately storing the data types, and transmitting basic data type information, in an LME (Long Message Entity);

producing summarized multimedia information, which includes information of a kind of each of the data types and a number of each kind of data types, in an LMSC (Long Message Service Center);

transmitting a signal receipt notification message which includes the summarized multimedia information, in an SMSC (Short Message Service Center);

receiving the signal receipt notification message, providing the summarized and multimedia information to a user, and transmitting a response message according to a selection by the user, in a receiving terminal;

wherein the LMSC produces multimedia information, upon receipt of the response message;

wherein the receiving terminal receives multimedia information, provides the multimedia information to the user, and requests multimedia data corresponding to a data type selected by the user;

wherein the LMSC receives the corresponding multimedia data from the LME in response to the request, and transmits the corresponding multimedia data to the receiving terminal.